

7.7.1 Efficiency Standards for Fluorescent Lamp Ballasts (1)

| <u>Application for Operation of:</u> | <u>Ballast Input Voltage</u> | <u>Total Nominal Lamp Watts</u> | <u>Ballast Efficiency Factor</u> |
|--------------------------------------|----------------------------------|-------------------------------------|--------------------------------------|
| One F34T12 Lamp | 120/277 | 34 | 2.61 |
| Two F34T12 Lamps | 120/277 | 68 | 1.35 |
| Two F96T12/ES Lamps | 120/277 | 120 | 0.77 |
| Two F96T12HO/ES Lamps | 120/277 | 190 | 0.42 |

Standards do not apply to:

- A Ballast designed for dimming up to 50% or less of its maximum output.
- A Ballast designed for use with two F96T12HO lamps at ambient temperatures of -20 deg. F or less and as an outdoor sign.
- A Ballast with a power factor of less than 0.90, designed and labeled for use only in residential building applications.

Note(s): manufacturer on or after July 1, 2010. Applies to products designed to operate at nominal input voltages of 120 or 277 volts and input current frequencies of 60 Hertz. Includes replacement ballasts manufactured on or after July 1, 2010 or sold by the manufacturer on or after October 1, 2010.

Source(s): Title 10, Code of Federal Regulations, Part 430 - Energy Conservation Program for Consumer Products, Subpart C - Energy and Water Conservation Standards and Their Effective Dates. January 1, 2010.